

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119183.D
 Acq On : 2 Mar 2020 22:19
 Operator : CG/JU
 Sample : L1743-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: Mar 03 08:32:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

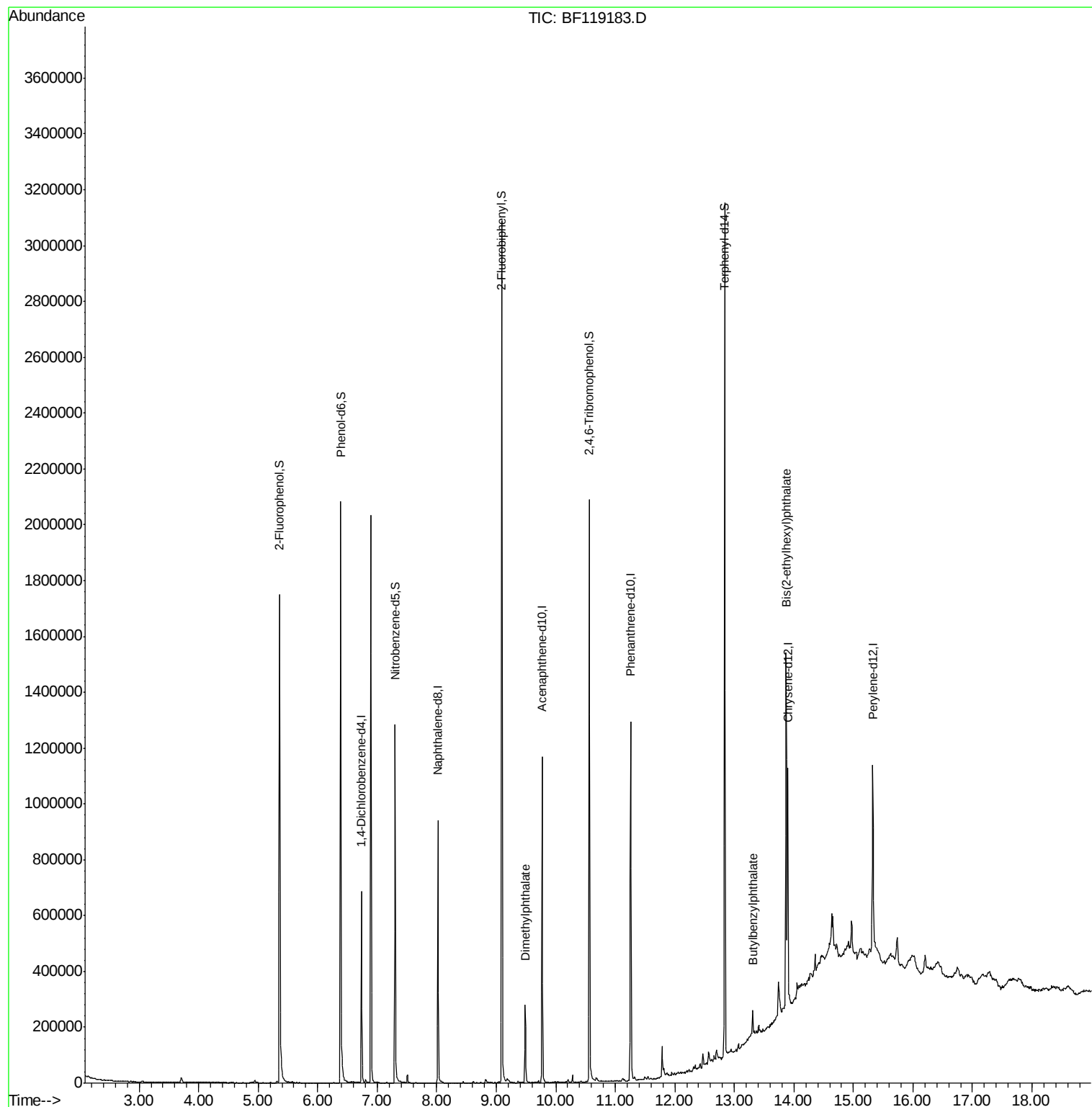
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108690	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	441034	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	253355	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	455084	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298905	20.00	ng	0.00
87) Perylene-d12	15.33	264	263280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	578703	88.98	ng	-0.01
7) Phenol-d6	6.39	99	730631	92.37	ng	-0.02
23) Nitrobenzene-d5	7.30	82	478968	57.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	268179	80.92	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	989255	57.52	ng	-0.02
79) Terphenyl-d14	12.84	244	1052348	60.61	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	116673	6.022	ng	99
80) Butylbenzylphthalate	13.31	149	21301	2.109	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	367953	28.832	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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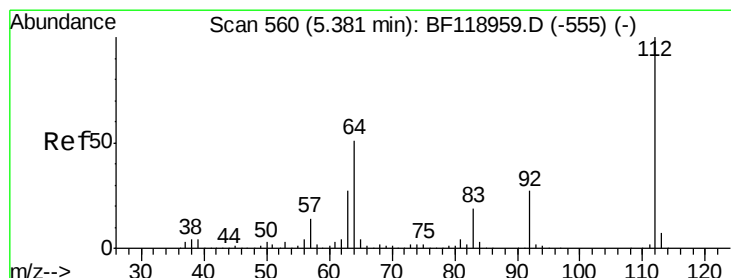
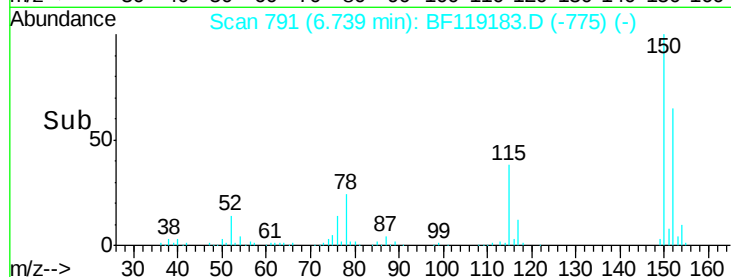
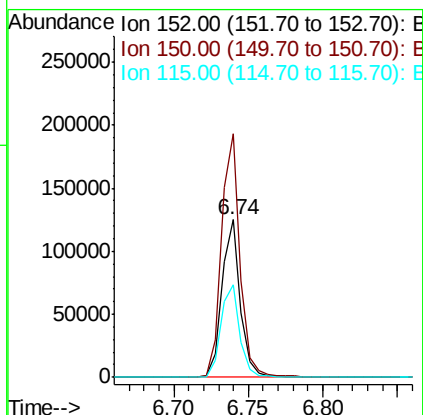
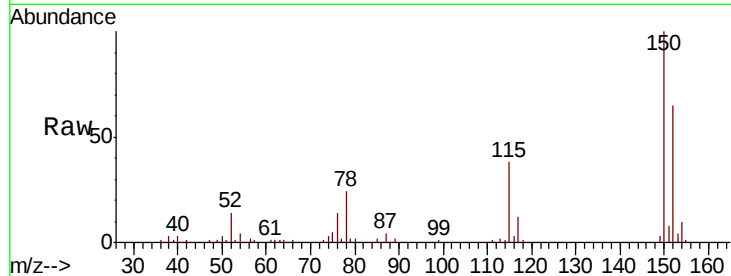


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Instrument :
BNA_F
ClientSampleId :
C-1

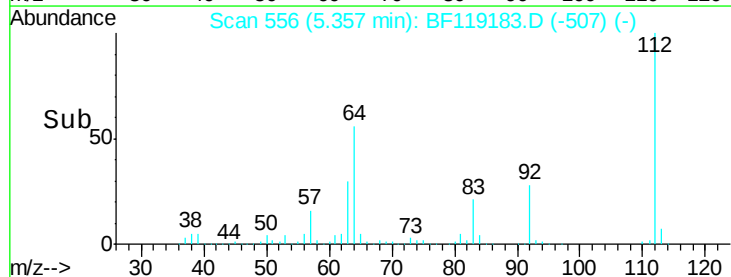
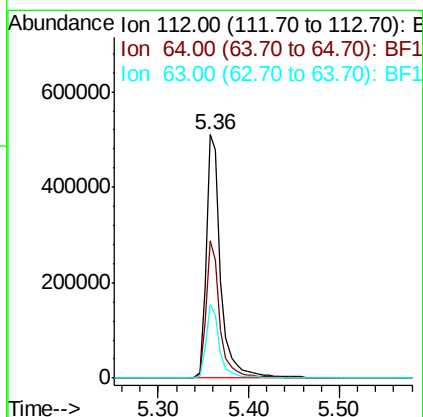
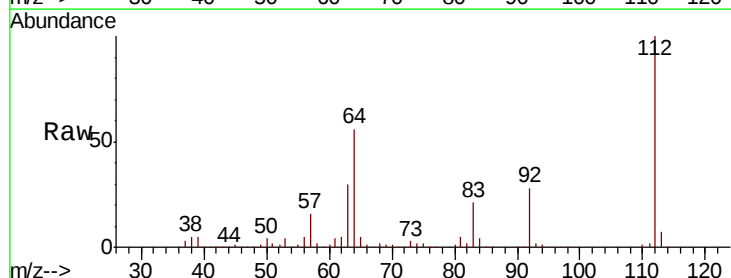
Tot Ion:152 Resp: 108690
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 59.1 49.5 74.3



#5

2-Fluorophenol
Concen: 88.979 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Tgt Ion:112 Resp: 578703
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 30.1 24.2 36.4





#7

Phenol-d6

Concen: 92.370 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

Instrument :

BNA_F

ClientSampled :

C-1

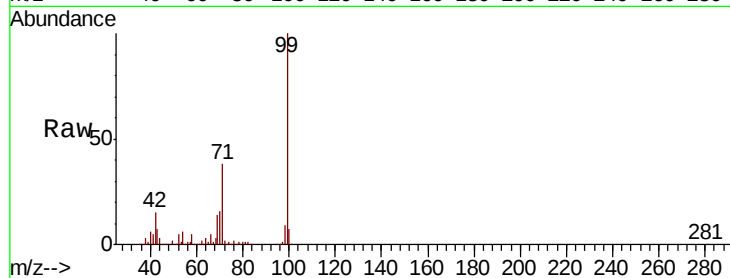
Tot Ion: 99 Resp: 730631

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

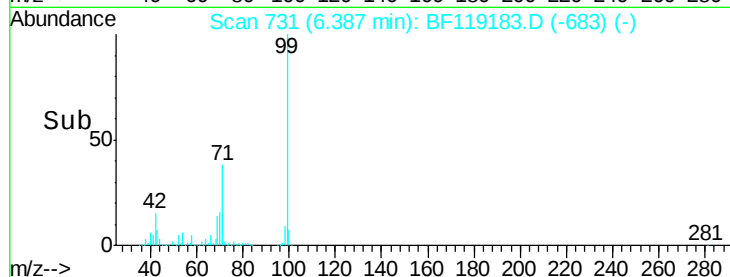
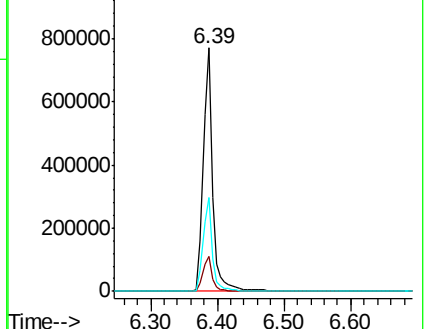
71 38.4 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

Tgt Ion: 136 Resp: 441034

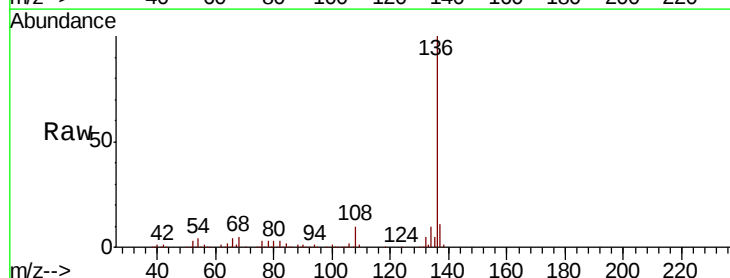
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.4 3.8 5.6

68 4.9 3.9 5.9

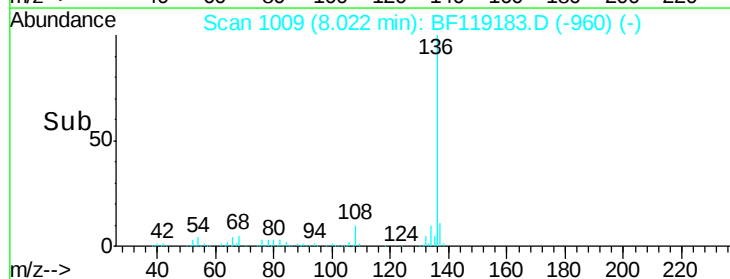
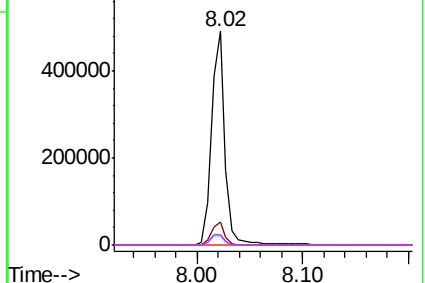


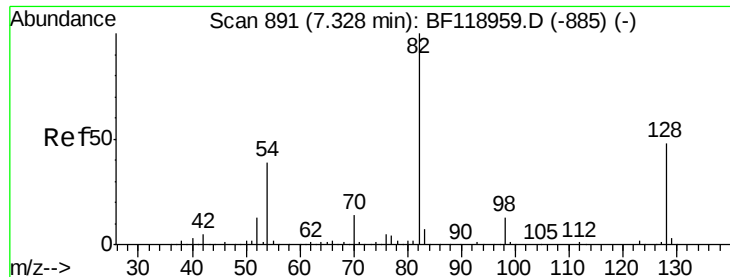
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

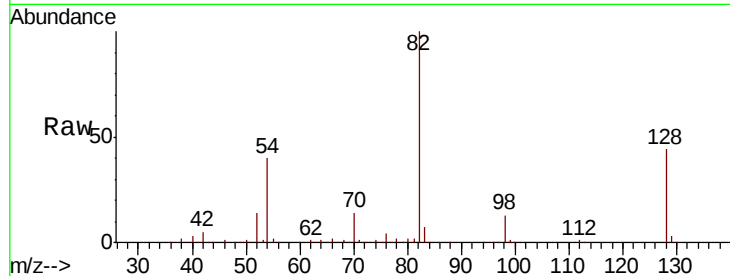




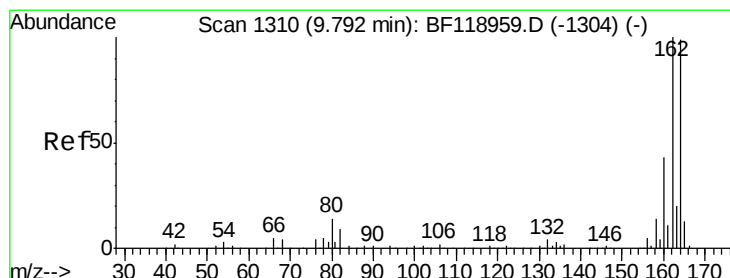
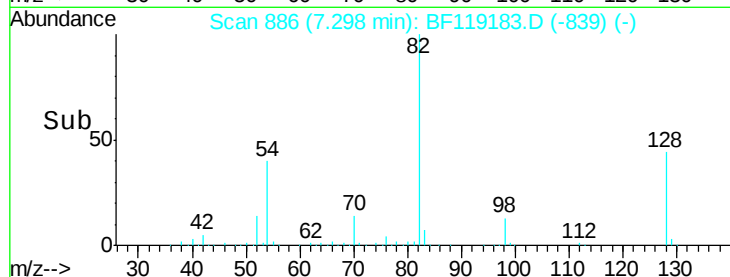
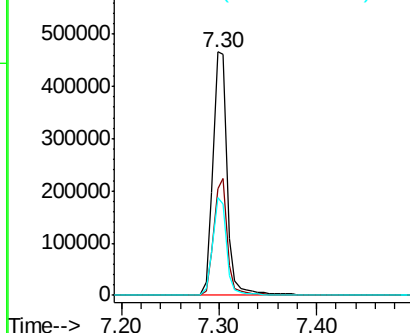
#23
Nitrobenzene-d5
Concen: 57.341 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Instrument :
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ClientSampleId :
C-1

Tot Ion: 82 Resp: 478968
Ion Ratio Lower Upper
82 100
128 43.7 37.9 56.9
54 40.0 33.4 50.2

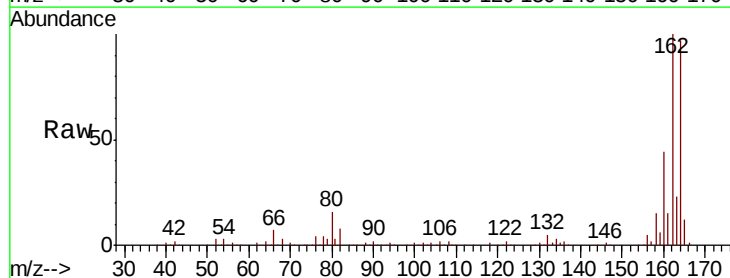


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

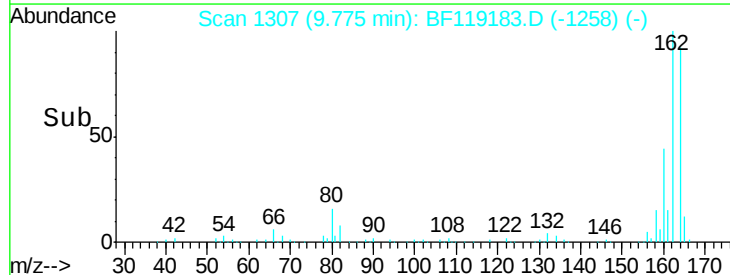
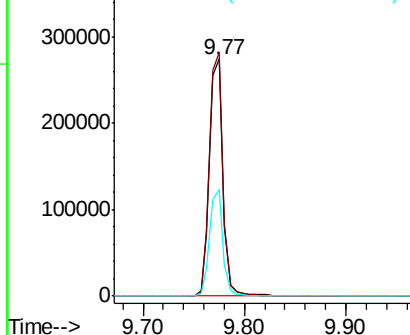


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Tgt Ion: 164 Resp: 253355
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.8
160 45.3 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 80.915 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

Instrument :

BNA_F

ClientSampleId :

C-1

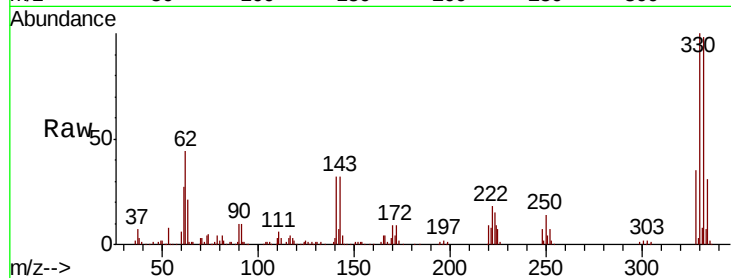
Tot Ion:330 Resp: 268179

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

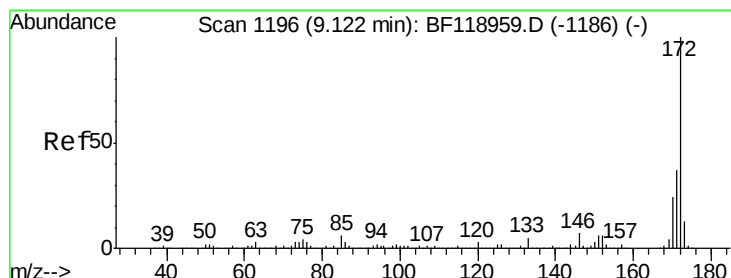
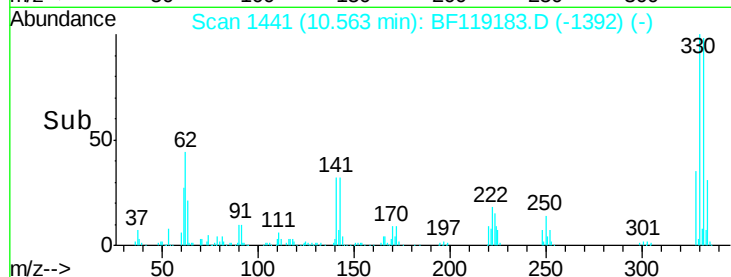
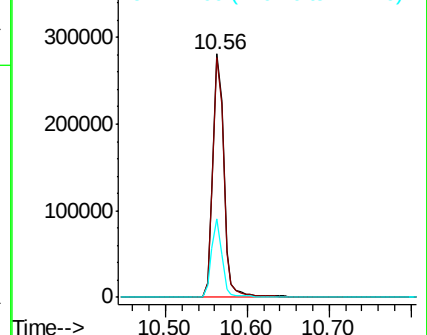
141 31.1 22.9 34.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 57.522 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

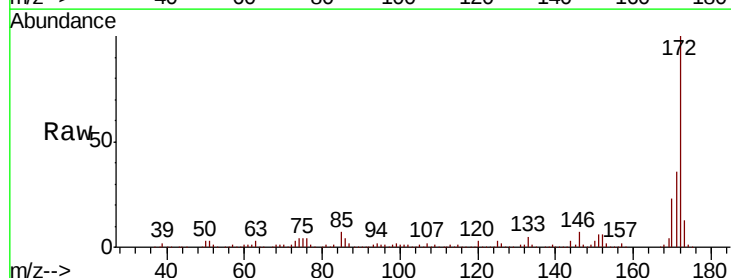
Tgt Ion:172 Resp: 989255

Ion Ratio Lower Upper

172 100

171 36.0 30.6 45.8

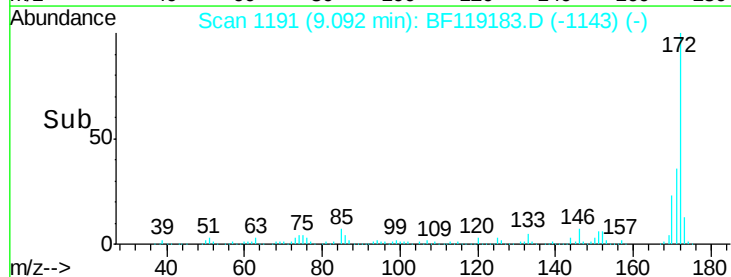
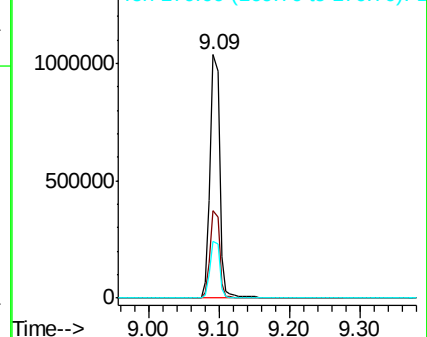
170 23.5 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.022 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

Instrument :

BNA_F

ClientSampleId :

C-1

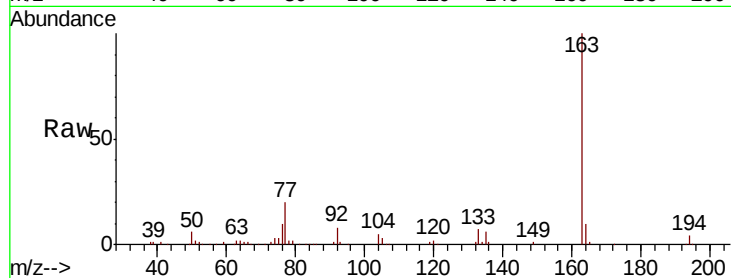
Tot Ion:163 Resp: 116673

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

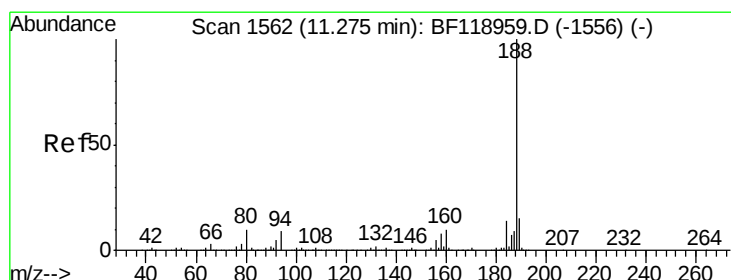
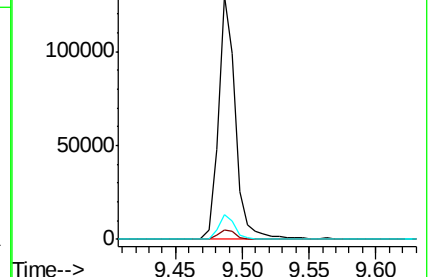
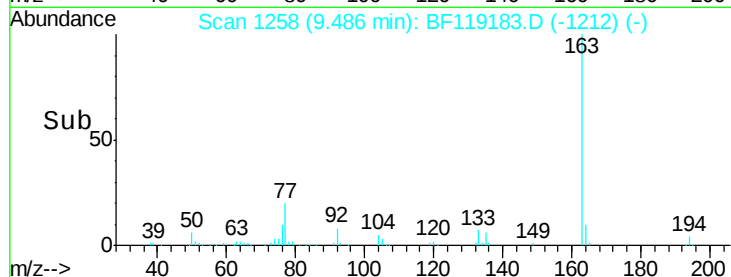
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119183.D

Acq: 2 Mar 2020 22:19

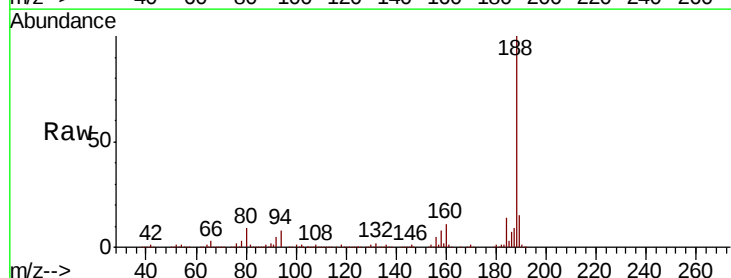
Tgt Ion:188 Resp: 455084

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

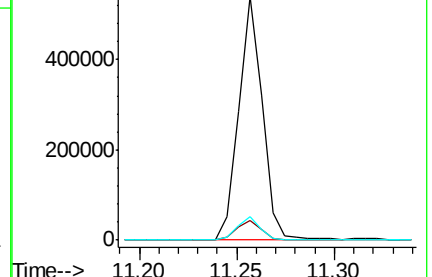
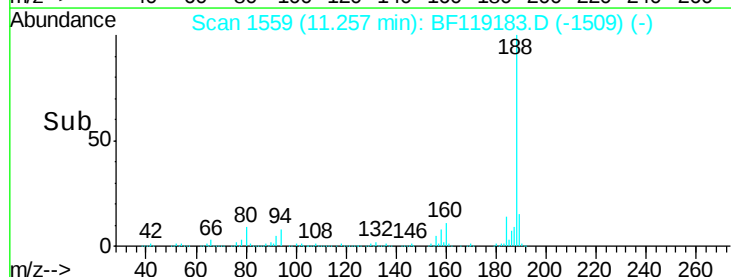
80 9.5 7.8 11.8

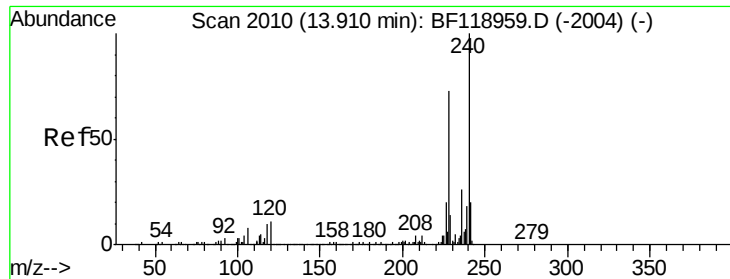


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

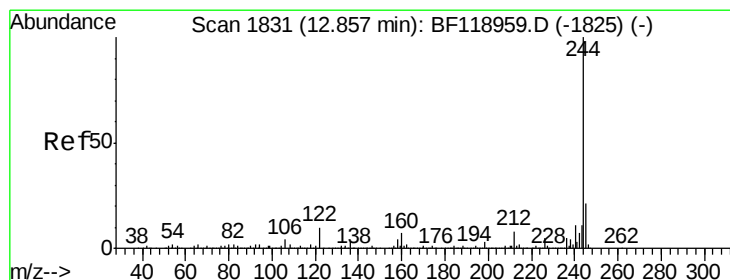
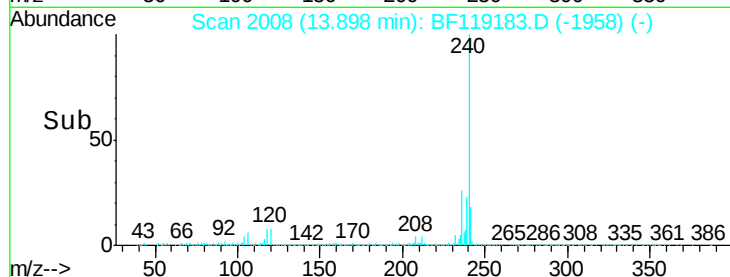
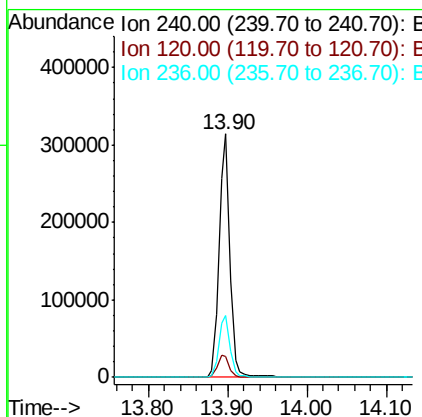
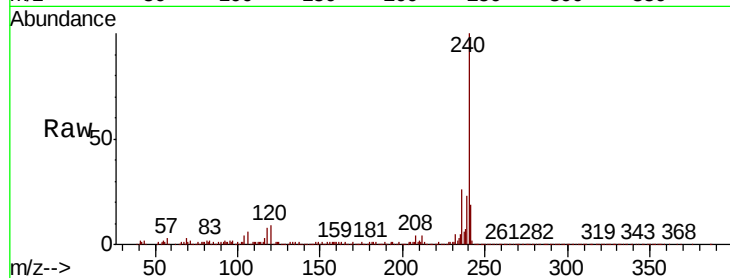




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

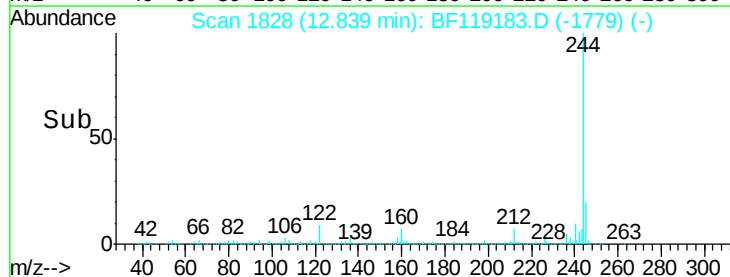
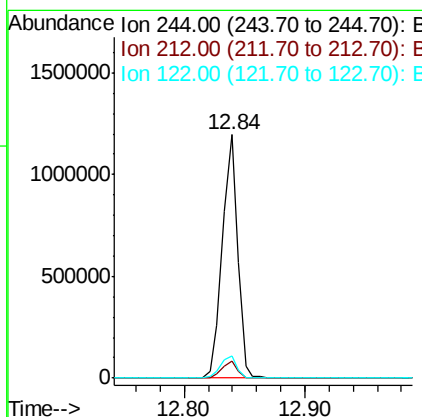
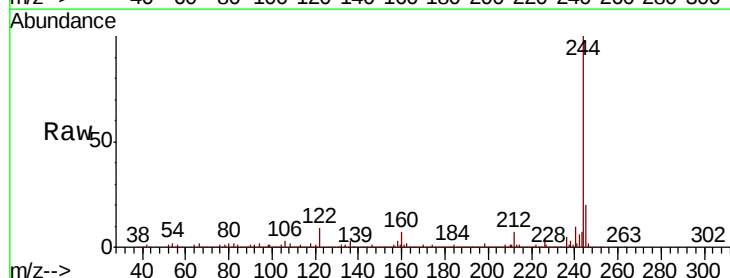
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C-1

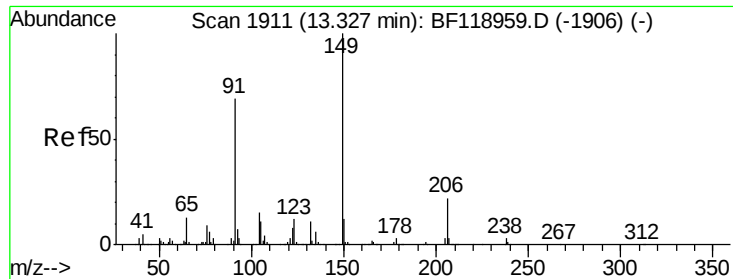
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.4	12.6
236	25.6	21.0	31.4



#79
Terphenyl-d14
Concen: 60.615 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF119183.D
Acq: 2 Mar 2020 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	9.3	8.2	12.2

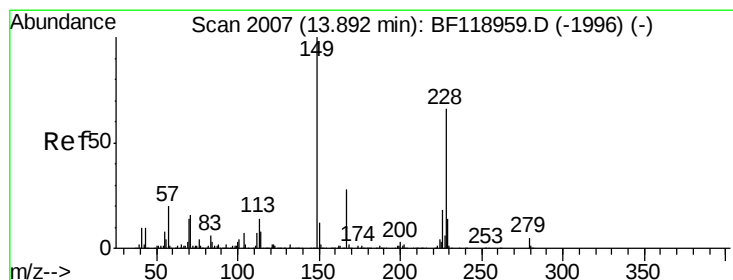
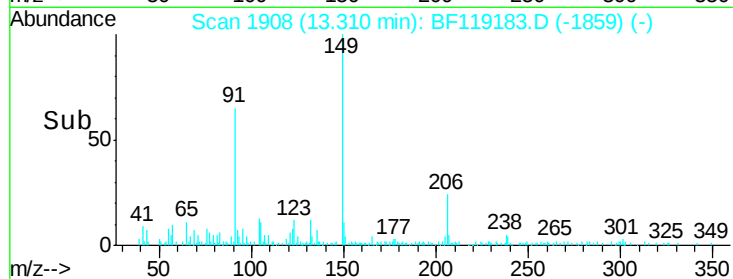
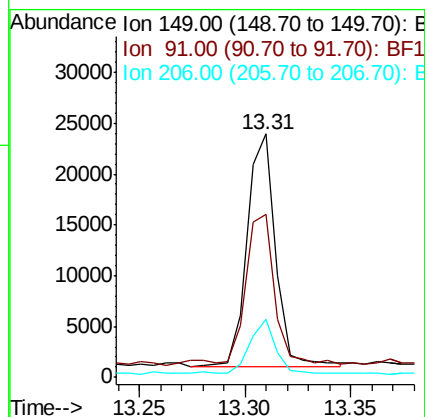
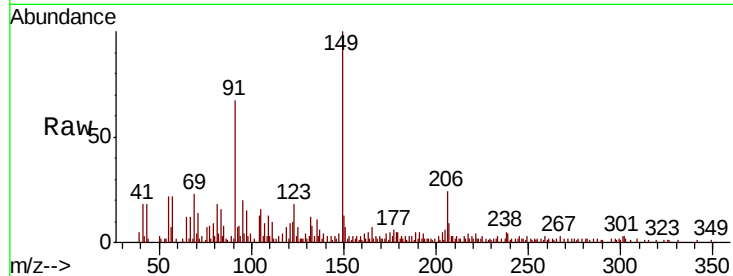




#80
 Butylbenzylphthalate
 Concen: 2.109 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

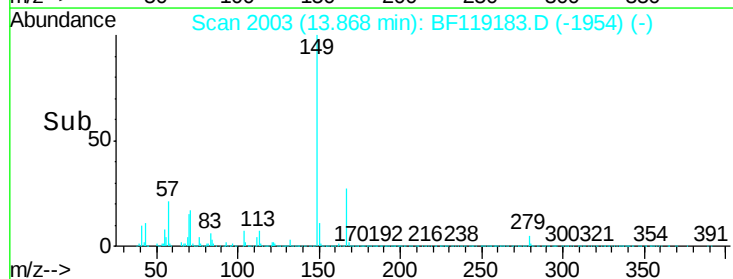
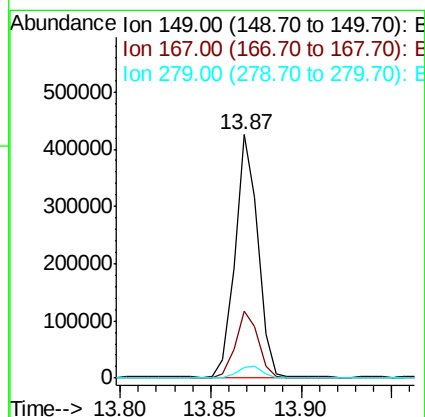
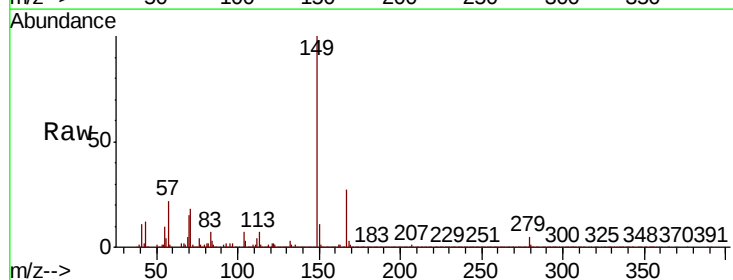
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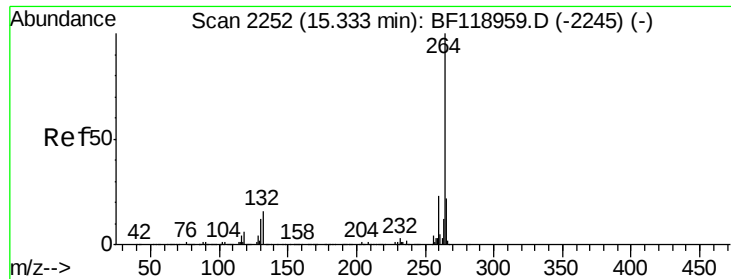
Tot Ion:149 Resp: 21301
 Ion Ratio Lower Upper
 149 100
 91 67.1 52.3 78.5
 206 24.0 18.5 27.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.832 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

Tgt Ion:149 Resp: 367953
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.8 34.2
 279 4.6 4.6 6.8

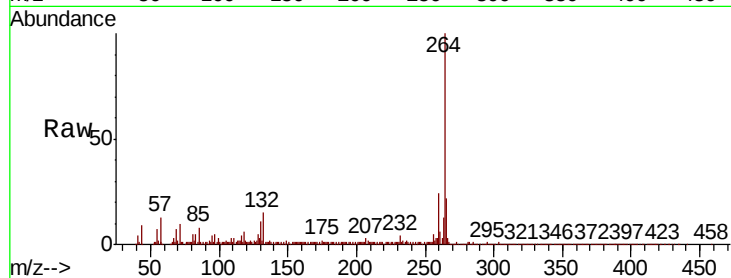




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119183.D
 Acq: 2 Mar 2020 22:19

Instrument :
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 ClientSampleId :
 C-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.7	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

